

This listing of claims will replace all prior versions, all listings, of claims in the application:

**Listing of Claims:**

Claims 1-30 (Cancelled)

Claim 31. (Currently amended) A chemical oxygen [[gas]] generator comprising:

\_\_\_\_\_a generating device for producing oxygen [[gas]] by chemical reaction, the generating device ~~comprising friction-induced spark generating ignition means~~ having an ignition region; and

a friction-induced spark generating ignition device comprising a friction member and flint and an abrader structured and positioned to be effective in abrading a surface of the ignition region to facilitate ignition of the ignition region.

Claim 32. (Currently amended) A generator as claimed in claim 31, wherein the abrader is structured to be effective to generate ignitable particles at the surface of the ignition region ~~spark generating means comprises a friction wheel and flint.~~

Claim 33. (Currently amended) A generator as claimed in claim 31, wherein the generating device is a solid ignition ~~means also comprises means for abrading a surface of the generating device in the region of ignition.~~

Claim 34. (Currently amended) A generator as claimed in claim 31, wherein the ignition device is in the form of a cylinder having a flat surface and a cross-section of a

major segment of a circle, ~~the ignition means being positioned close or adjacent to the flat surface of the cylinder.~~

Claim 35. (Currently amended) A generator as claimed in claim 31, wherein the ignition region means is located in a central region of the generating device, the generating device being arranged to sustain during operation propagation of a plurality of burn fronts there through, the fronts propagating in generally different directions.

Claims 36-39 (Cancelled).

Claim 40. (Currently amended) ~~A generator as claimed in claim 31, wherein the~~ A chemical gas generator comprising a generating device for producing gas by chemical reaction, and a friction-induced spark generating ignition means located in a central region of the generating device, the generating device being arranged to sustain during operation propagation of two burn fronts traveling in opposite directions and generating oxygen thereby, the device being at least partially enclosed within thermal insulating means comprising a vacuum jacket and thermal insulating material.

41. (New) A chemical gas generator comprising:

a generating device for producing gas by chemical reaction; and

a friction-induced spark generating ignition means located in a central region of the generating device, the generating device being arranged to sustain during operation propagation of a plurality of burn fronts there

through, the fronts propagating in generally different directions.

42. (New) A generator as claimed in claim 31 wherein the abrader is a part of the friction member.

43. (New) A generator as claimed in claim 31 wherein the ignition region of the generating device includes an oxidizing agent.

44. (New) A generator as claimed in claim 40 wherein the ignition means includes an abrader structured and positioned to be effective in abrading a surface of the ignition region to facilitate ignition of the ignition region.

45. (New) A generator as claimed in claim 41 wherein the ignition means includes an abrader structured and positioned to be effective abrading a surface of the ignition region to facilitate ignition of the ignition region.

46. (New) A generator as claimed in claim 31 wherein the generating device is at least partly enclosed within thermal insulating means comprising a vacuum jacket.

47. (New) A generator as claimed in claim 46 wherein the generating device is also at least partially enclosed within thermal insulating material.

48. (New) A generator as claimed in claim 31 wherein the generating device comprises at least one of a metal

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Response B

chlorate and perchlorate, in admixture with a catalyst and a fuel.